



IFW16

RAW SEQUENCE LISTING

DATE: 07/23/2004

PATENT APPLICATION: US/09/847,946B

TIME: 17:25:41

Input Set : N:\Crf4\07222004\I847846B.raw
 Output Set: N:\CRF4\07232004\I847946B.raw

1 <110> APPLICANT: May, Michael J
 2 Ghosh, Sankar
 3 Findeis, Mark A
 4 Phillips, Kathryn
 5 Hannig, Gerhard
 6 <120> TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 7 <130> FILE REFERENCE: YAI-002
 C--> 8 <140> CURRENT APPLICATION NUMBER: US/09/847,946B *P.6*
 9 <141> CURRENT FILING DATE: 2001-05-02
 10 <150> PRIOR APPLICATION NUMBER: 60/201,261
 11 <151> PRIOR FILING DATE: 2000-05-02
 12 <150> PRIOR APPLICATION NUMBER: 09/643,260
 13 <151> PRIOR FILING DATE: 2000-08-22
 14 <160> NUMBER OF SEQ ID NOS: 171
 15 <170> SOFTWARE: PatentIn Ver. 2.0
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 2268
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Artificial Sequence
 21 <220> FEATURE:
 22 <223> OTHER INFORMATION: Description of Artificial Sequence:wild-type IKK(
 23 NBD
 24 <400> SEQUENCE: 1
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 27 attgccatca agcagtgcgc gcaggagctc agccccccgga accgagagcg gtgggtgcctg 180
 28 gagatccaga tcatgagaag gctgaccac cccaatgtgg tggctgccc agatgtccct 240
 29 gagggggatgc agaacttggc gcccaatgac ctggccctgc tggccatgga gtactgcca 300
 30 ggaggagatc tccggaagta cctgaaccag tttgagaact gctgtgtct gccccaaaggt 360
 31 gccatcctca ccttgcttag tgacattgcc tctgcgttta gatacctca tgaaaacaga 420
 32 atcatccatc gggatctaaa gccagaaaaac atcgtcctgc agcaaggaga acagaggta 480
 33 atacacaaaa ttattgaccc aggatatgcc aaggagctgg atcagggcag tctttgcaca 540
 34 tcatttcgtgg ggaccctgca gtacctggcc ccagagctac tggagcagca gaagtacaca 600
 35 gtgaccgtcg actactggag cttccggcacc ctggcctttg agtgcatac gggctccgg 660
 36 cccttcctcc ccaactggca gcccgtgcag tggcattcaa aagtgcggca gaagagttag 720
 37 gtggacattg ttgttagcg agacttgaat ggaacgggtga agtttcaag ctctttaccc 780
 38 taccccaata atcttaacag tgtcctggct gagcgactgg agaagtggct gcaactgatg 840
 39 ctgatgtggc acccccgaca gaggggcacg gatcccacgt atggggccaa tggctgcttc 900
 40 aaggccctgg atgacatctt aaacttaaag ctggttcata tcttgaacat ggtcacgggc 960
 41 accatccaca cctaccctgt gacagaggat gagagtctgc agagctgaa ggccagaatc 1020
 42 caacaggaca cgggcatccc agaggaggac caggagctgc tgcaggaagc gggcctggcg 1080
 43 ttgatccccg ataagcctgc cactcagtgt atttcagacg gcaagtaaa tgagggccac 1140
 44 acattggaca tggatcttgt tttctcttt gacaacagta aaatcaccta tgagactcag 1200



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45 atctccccac ggcccccaacc tgaaagtgtc agctgttatcc ttcaagagcc caagaggaat 1260
 46 ctcgccttct tccagctgag gaaggtgtgg ggccaggct ggcacagcat ccagaccctg 1320
 47 aaggaagatt gcaaccggct gcagcgagga cagcgagcc ccatgtatgaa tctccctcga 1380
 48 aacaacagct gcctctccaa aatgaagaat tccatggctt ccatgtctca gcagctcaag 1440
 49 gccaagttgg atttcttcaa aaccagcatc cagattgacc tggagaagta cagcgagcaa 1500
 50 accgagttg ggatcacatc agataaaactg ctgctggct ggagggaaat ggagcaggct 1560
 51 gtggagctct gtggcgggaa gaacgaagtg aaactcttgg tagaacggat gatggctctg 1620
 52 cagaccgaca ttgtggactt acagaggagc cccatggggc ggaagcaggg gggAACGCTG 1680
 53 gacgacctag aggagcaagc aaggggagctg tacaggagac taagggaaaa acctcgagac 1740
 54 cagcgaactg agggtgacag tcagggaaatg gtacggctgc tgcttcaggc aattcagagc 1800
 55 ttcgagaaga aagtgcgagt gatctatacg cagctcagta aaactgtggg ttgcaagcag 1860
 56 aaggcgctgg aactgttgcc caaggtggaa gaggtggta gcttaatgaa tgaggatgag 1920
 57 aagactgttgc tccggctgca ggagaagcgg cagaaggagc tctggaatct cctgaagatt 1980
 58 gcttgttagca aggtccgtgg tcctgtcagt ggaagccgg atagcatgaa tgccctctga 2040
 59 cttagccagc ctggcagct gatgtctcag ccctccacgg cctccaaacag cttacctgag 2100
 60 ccagccaaga agagtgaaga actgggtggct gaagcacata acctctgcac cctgctagaa 2160
 61 aatgccatatac aggacactgt gagggaacaa gaccagagtt tcacggccct agactggagc 2220
 62 tggttacaga cggaagaaga agagcacagc tgcttgagc aggccctca 2268
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 66 <212> TYPE: PRT
 67 <213> ORGANISM: Artificial Sequence
 68 <220> FEATURE:
 69 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
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 72 1 5
 74 <210> SEQ ID NO: 3
 75 <211> LENGTH: 6
 76 <212> TYPE: PRT
 77 <213> ORGANISM: Artificial Sequence
 78 <220> FEATURE:
 79 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
 80 <400> SEQUENCE: 3
 81 Leu Asp Ala Ser Ala Leu
 82 1 5
 84 <210> SEQ ID NO: 4
 85 <211> LENGTH: 6
 86 <212> TYPE: PRT
 87 <213> ORGANISM: Artificial Sequence
 88 <220> FEATURE:
 89 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
 90 <400> SEQUENCE: 4
 91 Ala Asp Trp Ser Trp Leu
 92 1 5
 94 <210> SEQ ID NO: 5
 95 <211> LENGTH: 6
 96 <212> TYPE: PRT
 97 <213> ORGANISM: Artificial Sequence

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Output Set: N:\CRF4\07232004\I847946B.raw

98 <220> FEATURE:
99 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
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101 Leu Asp Trp Ser Trp Ala
102 1 5
104 <210> SEQ ID NO: 6
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W--> 106 000
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109 <211> LENGTH: 6
110 <212> TYPE: PRT
111 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
114 <400> SEQUENCE: 7
115 Leu Ala Trp Ser Trp Leu
116 1 5
118 <210> SEQ ID NO: 8
119 <211> LENGTH: 6
120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
124 <400> SEQUENCE: 8
125 Leu Glu Trp Ser Trp Leu
126 1 5
128 <210> SEQ ID NO: 9
129 <211> LENGTH: 6
130 <212> TYPE: PRT
131 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
134 <400> SEQUENCE: 9
135 Leu Asn Trp Ser Trp Leu
136 1 5
138 <210> SEQ ID NO: 10
139 <211> LENGTH: 6
140 <212> TYPE: PRT
141 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
144 <400> SEQUENCE: 10
145 Leu Asp Ala Ser Trp Leu
146 1 5
148 <210> SEQ ID NO: 11
149 <211> LENGTH: 6
150 <212> TYPE: PRT
151 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:

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Input Set : N:\Crf4\07222004\I847846B.raw
Output Set: N:\CRF4\07232004\I847946B.raw

153 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
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155 Leu Asp Phe Ser Trp Leu
156 1 5
158 <210> SEQ ID NO: 12
159 <211> LENGTH: 6
160 <212> TYPE: PRT
161 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
164 <400> SEQUENCE: 12
165 Leu Asp Tyr Ser Trp Leu
166 1 5
168 <210> SEQ ID NO: 13
169 <211> LENGTH: 6
170 <212> TYPE: PRT
171 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
174 <400> SEQUENCE: 13
175 Leu Asp Trp Ser Ala Leu
176 1 5
178 <210> SEQ ID NO: 14
179 <211> LENGTH: 6
180 <212> TYPE: PRT
181 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
184 <400> SEQUENCE: 14
185 Leu Asp Trp Ser Phe Leu
186 1 5
188 <210> SEQ ID NO: 15
189 <211> LENGTH: 6
190 <212> TYPE: PRT
191 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
194 <400> SEQUENCE: 15
195 Leu Asp Trp Ser Tyr Leu
196 1 5
198 <210> SEQ ID NO: 16
199 <211> LENGTH: 6
200 <212> TYPE: PRT
201 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
204 <400> SEQUENCE: 16
205 Leu Asp Trp Ala Trp Leu
206 1 5

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Input Set : N:\Crf4\07222004\I847846B.raw
 Output Set: N:\CRF4\07232004\I847946B.raw

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 210 <212> TYPE: PRT
 211 <213> ORGANISM: Artificial Sequence
 212 <220> FEATURE:
 213 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
 214 <400> SEQUENCE: 17
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 216 1 5
 218 <210> SEQ ID NO: 18
 219 <211> LENGTH: 28
 220 <212> TYPE: PRT
 221 <213> ORGANISM: Artificial Sequence
 222 <220> FEATURE:
 223 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
 224 <400> SEQUENCE: 18
 225 Asp Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys
 226 1 5 10 15
 227 Lys Thr Ala Leu Asp Trp Ser Trp Leu Gln Thr Glu
 228 20 25
 230 <210> SEQ ID NO: 19
 231 <211> LENGTH: 28
 232 <212> TYPE: PRT
 233 <213> ORGANISM: Artificial Sequence
 234 <220> FEATURE:
 235 <223> OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
 236 <400> SEQUENCE: 19
 237 Asp Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys
 238 1 5 10 15
 239 Lys Thr Ala Leu Asp Ala Ser Ala Leu Gln Thr Glu
 240 20 25
 242 <210> SEQ ID NO: 20
 243 <211> LENGTH: 30
 244 <212> TYPE: DNA
 245 <213> ORGANISM: Artificial Sequence
 246 <220> FEATURE:
 247 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
 248 <400> SEQUENCE: 20
 249 atagacgaat tcaataggca cctctggaag 30
 251 <210> SEQ ID NO: 21
 252 <211> LENGTH: 31
 253 <212> TYPE: DNA
 254 <213> ORGANISM: Artificial Sequence
 255 <220> FEATURE:
 256 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
 257 <400> SEQUENCE: 21
 258 gtacctcacg taactcatcg agctccagga t 31
 260 <210> SEQ ID NO: 22
 261 <211> LENGTH: 36

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/847,946B

DATE: 07/23/2004
TIME: 17:25:42

Input Set : N:\Crf4\07222004\I847846B.raw
Output Set: N:\CRF4\07232004\I847946B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:161; Xaa Pos. 1,20
Seq#:162; Xaa Pos. 1,24
Seq#:163; Xaa Pos. 1,20
Seq#:164; Xaa Pos. 1,24
Seq#:165; Xaa Pos. 1,24
Seq#:166; Xaa Pos. 1,15
Seq#:167; Xaa Pos. 1,15
Seq#:168; Xaa Pos. 1,15
Seq#:169; Xaa Pos. 1,19
Seq#:170; Xaa Pos. 1,19
Seq#:171; Xaa Pos. 1,19

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/847,946B

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Input Set : N:\Crf4\07222004\I847846B.raw
Output Set: N:\CRF4\07232004\I847946B.raw

L:8 M:270 C: Current Application Number differs, Replaced Current Application Number
L:106 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (6) SEQUENCE:
L:1816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:161 after pos.:0
M:341 Repeated in SeqNo=161
L:1837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:162 after pos.:0
M:341 Repeated in SeqNo=162
L:1858 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163 after pos.:0
M:341 Repeated in SeqNo=163
L:1879 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:164 after pos.:0
M:341 Repeated in SeqNo=164
L:1900 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:0
M:341 Repeated in SeqNo=165
L:1921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:166 after pos.:0
L:1940 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:167 after pos.:0
L:1959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:168 after pos.:0
L:1978 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:169 after pos.:0
M:341 Repeated in SeqNo=169
L:1998 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:170 after pos.:0
M:341 Repeated in SeqNo=170
L:2018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:171 after pos.:0
M:341 Repeated in SeqNo=171